

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

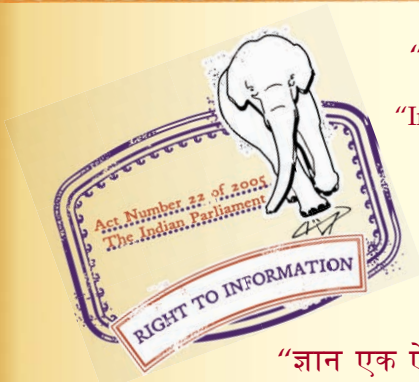
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5170 (1969): Bone Plate, Sherman Type [MHD 2:
Orthopaedic Instruments, Implants and Accessories]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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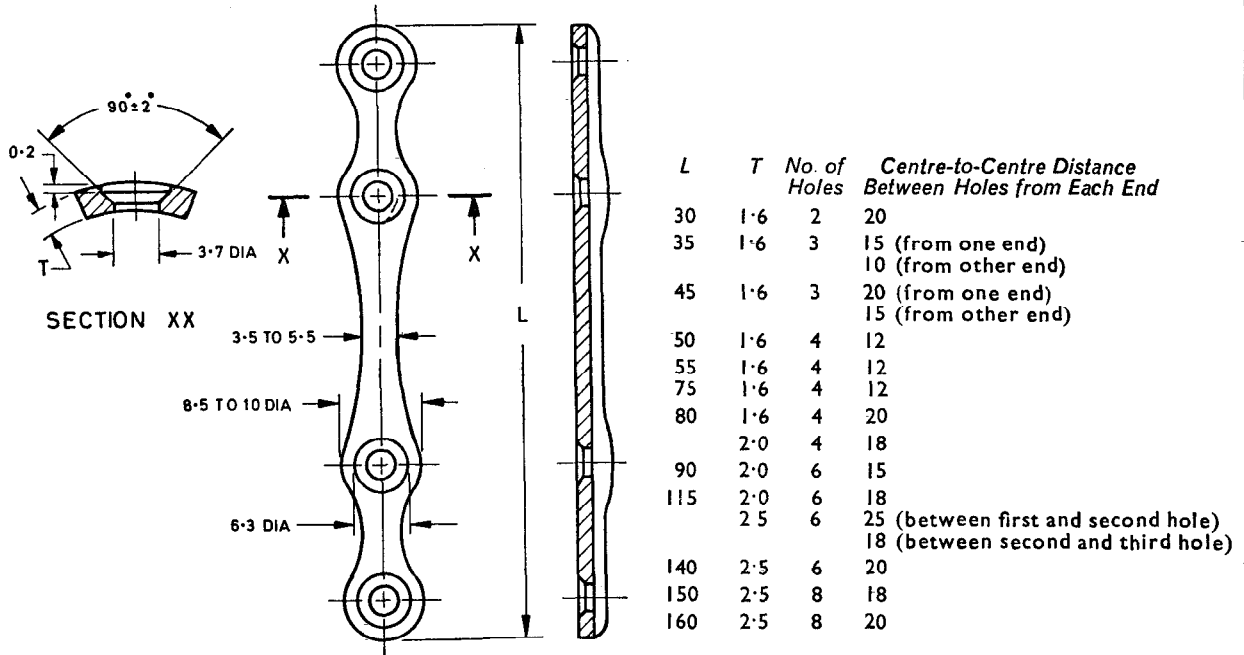
Indian Standard

(Reaffirmed 1992)

SPECIFICATION FOR

BONE PLATE, SHERMAN TYPE

1. **Scope** — Dimensions and requirements for Sherman type bone plates to suit screws of 3.5 mm diameter used in orthopaedic surgery.
2. **Shape and Dimensions** — As shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 BONE PLATE, SHERMAN TYPE

3. **Material** — Shall be according to 3 of IS : 5347-1969*.
4. **Manufacture, Workmanship and Finish** — Each plate shall be pressed in one-piece, and shall be symmetrical and well-balanced. The holes shall be uniform in shape and situated on the centre line of the plate.
- 4.1 Each plate shall be free from cracks, draw marks, pits, burrs, surface contamination and impregnated foreign particles. The plate shall be passivated and polished bright to give a mirror or satin finish.
5. **Corrosion Resistance Test** — Shall be according to 6.1 of IS : 5347-1969*.
6. **Radiological Test** — Shall be according to 6.2 of IS : 5347-1969*.
7. **Marking** — Shall be according to 5.1 of IS : 5347-1969*.
- 7.1 *ISI Certification Marking* — Details available from Indian Standards Institution, New Delhi I.
8. **Packing** — The plates may be packed as agreed to between the purchaser and the supplier. However, it is recommended that each plate may be wrapped in polyethylene bag or in wax paper and then packed in cartons.

*General requirements of metal surgical implants.

Orthopaedic Instruments and Accessories Sectional Committee, CPDC 24 [Ref : Doc : CPDC 24(300)]

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